

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (*Currently Amended*): An apparatus for repairing irregularities in a chimney flue liner, comprising:

an applicator formed of a resilient foam material, and having a geometrically solid configuration with an upper end and a lower end opposite said upper end; ~~and~~

a lifting line attached to the upper end of said applicator for drawing said applicator through the chimney flue liner and distributing a mortar material therein; and,

an electrically powered vibrator disposed within said applicator for tamping the mortar material firmly into the irregularities within the flue liner, said electrically powered vibrator selectively causing an exterior surface of said applicator to vibrate, whereby the mortar material flowing over said exterior surface is driven by the selectively vibrating exterior surface into the irregularities within the flue liner.

Claim 2 (*Original*): The chimney flue liner repair apparatus according to claim 1, further including a draw down line extending from the lower end of said applicator.

Claim 3 (*Canceled*)

Claim 4 (*Original*): The chimney flue liner repair apparatus according to claim 3, further including:

a rigid housing surrounding and containing said vibrator, said applicator substantially surrounding and encasing said housing, said lifting line being connected to said housing.

Claim 5 (*Original*): The chimney flue liner repair apparatus according to claim 4, further including a draw down line connected to said housing and depending therefrom.

Claim 6 (*Original*): The chimney flue liner repair apparatus according to claim 1, further including an elastomer coating disposed over said applicator.

Claim 7 (*Original*): The chimney flue liner repair apparatus according to claim 1, further including a lifting line winch disposed above said applicator and communicating therewith by said lifting line.

Claim 8 (*Withdrawn*): A method of repairing a flue liner in a chimney using the apparatus of claim 1, comprising the steps of:

- (a) positioning the applicator at the base of the chimney flue liner to be repaired;
- (b) pouring liquid mortar material down the chimney flue, onto the upper end of the applicator;

(c) distributing the liquid mortar against the flue liner by drawing the applicator upwardly through the chimney flue liner; and

(d) forcing the liquid mortar into any irregularities in the chimney flue as the applicator closely passes interior walls of the chimney flue liner.

Claim 9 (*Withdrawn*): A method of repairing a flue liner in a chimney, comprising the steps of:

(a) forming an applicator of a resilient foam material having a geometrically solid configuration with an upper end and a lower end opposite said upper end;

(b) providing a lifting line attached to the upper end of the applicator;

(c) positioning the applicator at the base of the chimney flue liner to be repaired;

(d) pouring liquid mortar material down the chimney flue, onto the upper end of the applicator;

(e) distributing the liquid mortar against the flue liner by drawing the applicator upwardly through the chimney flue liner; and

(f) forcing the liquid mortar into any irregularities in the chimney flue, as the applicator closely passes interior walls of the chimney flue liner.

Claim 10 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 9, further including the steps of:

(a) providing a draw down line extending from the lower end of the applicator; and

(b) drawing the applicator down the chimney flue, prior to pouring the mortar onto the applicator and lifting the applicator up the chimney flue liner.

Claim 11 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 9, further including the steps of:

- (a) installing an electrically powered vibrator within the applicator; and
- (b) tamping the mortar material firmly into the irregularities within the flue liner by operating the vibrator.

Claim 12 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 9, further including the steps of:

- (a) encasing the vibrator within a housing;
- (b) enclosing the housing substantially within the applicator;
- (c) attaching the lifting line to the housing of the vibrator;
- (d) providing a draw down line for the applicator; and
- (e) attaching the draw down line to the housing of the vibrator, opposite the lifting line.

Claim 13 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 9, further including the step of applying an elastomer coating over the applicator.

Claim 14 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 9, further including the steps of:

- (a) providing a lifting line winch at the upper end of the chimney flue liner;
- (b) attaching the lifting line to the winch; and
- (c) drawing the applicator upwardly through the chimney flue by operating the winch and winding the lifting line thereon.

Claim 15 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 14, further including the steps of:

- (a) providing a draw down line extending from the lower end of the applicator; and
- (b) drawing the applicator down the chimney flue, prior to pouring the mortar onto the applicator and lifting the applicator up the chimney flue liner.

Claim 16 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 14, further including the steps of:

- (a) installing an electrically powered vibrator within the applicator; and
- (b) tamping the mortar material firmly into the irregularities within the flue liner by operating the vibrator.

Claim 17 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 14, further including the steps of:

- (a) encasing the vibrator within a housing;
- (b) enclosing the housing substantially within the applicator;
- (c) attaching the lifting line to the housing of the vibrator;
- (d) providing a draw down line for the applicator; and
- (e) attaching the draw down line to the housing of the vibrator, opposite the lifting line.

Claim 18 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 14, further including the step of applying an elastomer coating over the applicator.

Claim 19 (*Withdrawn*): The method of repairing a flue liner in a chimney according to claim 14, further including the steps of:

- (a) providing a lifting line winch at the upper end of the chimney flue liner;
- (b) attaching the lifting line to the winch; and
- (c) drawing the applicator upwardly through the chimney flue by operating the winch and winding the lifting line thereon.